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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/799,363	03/12/2004	Frank Beunings	34874-090 UTIL	6370

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EXAMINER
ANYA, CHARLES E

ART UNIT	PAPER NUMBER
2194	

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)
Office Action Summary	10/799,363	BEUNINGS ET AL.
	Examiner	Art Unit	
	CHARLES E. ANYA	2194	

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

Period for Reply

> A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3/_ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
> - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
> - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
> - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
>   Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on _12/16/08_.

2a) ☒ This action is **FINAL**.   2b) ☐ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) _1-15_ is/are pending in the application.

     4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) _1-15_ is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.

     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

     a) ☐ All   b) ☐ Some * c) ☐ None of:

       1. ☐ Certified copies of the priority documents have been received.

       2. ☐ Certified copies of the priority documents have been received in Application No. _____.

       3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

     * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
     Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
     Paper No(s)/Mail Date. _____.

5) ☐ Notice of Informal Patent Application

6) ☐ Other: _____.

DETAILED ACTION

1.   Claims 1-15 are pending in this application.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

2.   **Claims 1, 2, 4, 6, 8-12, 14 and 15 are rejected under 35 U.S.C. 102(a) as**

being anticipated by U.S. Pub. No. 2003/0217176 A1 to Beunings.

3.   As to claim 1, Beunings teaches a computer-implemented method of accessing

content of a message, comprising:

defining a context object for inclusion in a message, the context object being an

abstraction of content of the message ("...routing rule...routing object..." page 1

paragraphs 0006/0007, page 2 paragraph 0024, "...define routing object..." page 5

paragraphs 0043/0048), the context object defined in a repository ("...directory..." page

1 paragraph 0007, "...repository..." page 1 paragraph 0008, Repository 202 page 2

paragraph 0022, page 5 paragraph 0050);

assigning the context object to one or more interfaces through which the

message is to be communicated ("...(API)..." page 1 paragraph 0007, "...required

interface…" page 4 paragraphs 0038, "…routing model…API…" page 4 paragraphs

0041/0042, "…relate them to any outbound interface 238…" page 5 paragraph 0050);

and

 accessing, via the context object, the content of the message at one of the

interfaces (Routing Objects 234 page 2 paragraph 0024).

4. As to claim 2, Beunings teaches a computer-implemented method in accessing

content of a message, comprising:

 defining a context object for inclusion in a message, the context object being an

abstraction of content of the message ("…routing rule…routing object…" page 1

paragraphs 0006/0007, page 2 paragraph 0024, "…define routing object…" page 5

paragraphs 0043/0048), the context object stored in a repository ("…directory…" page 1

paragraph 0007, "…repository…" page 1 paragraph 0008, Repository 202 page 2

paragraph 0022, page 5 paragraph 0050), including criteria to enable reuse across one

or more interfaces, the context object providing the criteria for determining one or more

send steps at one of the interfaces ("…can be used in more than one outbound

interface 238…" page 5 paragraph 0051);

 assigning, to the one or more interfaces through which the message is to be

communicated ("…(API)…" page 1 paragraph 0007, "…required interface…receiver

interface…" page 4 paragraphs 0038, "…routing model…API…" page 4 paragraphs

0041/0042, "…relate them to any outbound interface 238…" page 5 paragraph 0050),

the context object describing the message (Routing Object 234); and

accessing, via the context object, the content of the message at one of the
interfaces, wherein accessing the content includes accessing application data
associated with the context object (Routing Objects 234 page 2 paragraph 0024).

5.   As to claim 4, Beunings teaches a method in accordance with claim 1, further
comprising storing the context object in a repository accessible by a runtime engine to
communicate with the one or more interfaces ("...routing model..." page 4 paragraph
0042)

6.   As to claims 6 and 11, see the rejection of claim 1 above.

7.   As to claim 8, Beunings teaches a system in accordance with claim 6, further
comprising a directory that stores a plurality of routing rules for routing messages
between a sender and one or more receivers through one or more message interfaces
(Integration Directory 204 page 2 paragraph 0028).

8.   As to claim 9, Beunings teaches a system in accordance with claim 8, wherein
the context objects are assigned to the one or more interfaces according to one or more
business processes stored in the directory ("...(API)..." page 1 paragraph 0007,
"...required interface...receiver interface..." page 4 paragraphs 0038, "...routing
model...API..." page 4 paragraphs 0041/0042, "...relate them to any outbound interface
238..." page 5 paragraphs 0044/0050).

9.   As to claim 10, Beunings teaches a system in accordance with claim 9, further

comprising an integration server for executing the one or more business processes

(Integration Server 206 page 2 paragraph 0019, page 5 paragraph 0045).

10.   As to claim 12, Beunings teaches a computer program product in accordance

with claim 11, wherein accessing the content includes accessing application data

associated with the context object (Routing Objects 234 page 2 paragraph 0024).

11.   As to claim 14, see the rejection of claim 4 above.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

12.   **Claims 3, 5, 7, 13 and 15 are rejected under 35 U.S.C. 103(a) as being**

unpatentable over U.S. Pub. No. 2003/0217176 A1 to Beunings in view of U.S. Pub.

No. 2005/0138634 A1 to Luty et al.

13.   As to claim 3, Beunings is silent with reference to a method in accordance with

claim 1, wherein the context object includes a name and a namespace, the context

object used to select a send process for the message sent to at least one of assigned

interfaces.

        Luty teaches a method in accordance with claim 1, wherein the context object

includes a name and a namespace ("...request-message context object..." page 5

paragraph 0054).

        It would have been obvious to one of ordinary skill in the art at the time of the

invention was made to modify the system of Beunings with the teaching of Luty because

the teaching of Luty would improve the system of Beunings by providing XML objects

for identifying the type of data that an associated object contains.

14.   As to claims 5,7,13 and 15, see the rejection of claim 3 above.

Response to Arguments

        Applicant's arguments with respect to claims 1-15 have been considered but are

moot in view of the new ground(s) of rejection.

Conclusion

        The prior art made of record and not relied upon is considered pertinent to

applicant's disclosure.

U.S. Pat. No. 7,269,627 issued to Knauerchase: directed to context based message routing.

U.S. Pat. No. 7,143,186 B2 issued to Stewart et al.: directed to routing messages between trading partners.

U.S. Pub. No. 2004/0068728 A1 to Blevins: directed to routing business messages.

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to CHARLES E. ANYA whose telephone number is (571)272-3757. The examiner can normally be reached on 8:30-5:00.

   If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Meng-Ai An can be reached on 571-272-3756. The fax phone number for

the organization where this application or proceeding is assigned is 571-273-8300.

   Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

cea.

/Li B. Zhen/
Primary Examiner, Art Unit 2194